# METHOD FOR CHANGING MAIL SENDER ADDRESS OF I-FAX

## Field of the invention

The present invention relates to a method for changing mail sender address of I-FAX, especially to a method for manually changing mail sender address of I-FAX without changing the default setting.

## Background of the invention

The I-FAX (Internet-FAX) is an apparatus for transmitting facsimile data through e-mail for multiple users. The content of the e-mail includes e-mail address of mail receiver, e-mail address of mail sender and image file containing the facsimile data. In general, the e-mail address of mail sender from an I-FAX is a unique default e-mail address for multiple users.

Fig. 1 shows the flowchart of operational sequence of a prior art I-FAX.

(a) The e-mail address of mail receiver is input to the I-FAX.

(b) The program of the I-FAX is activated.

(c) The document for facsimile is scanned.

(d) The scanning task is finished.

(e) The I-FAX informs the default e-mail address thereof (such as ifax@mail.com.tw) to the mail server through the simple mail transfer protocol (SMTP).

(f) The mail server has corrective response.

(g) The I-FAX informs the e-mail address of mail receiver to the mail server.

(h) The mail server has corrective response.

(i) The I-FAX begins to transmit mail and the block of mail sender address

in the mail is filled with ifax@mail.com.tw.

(j) The mail transmitting is finished.

Moreover, the scanning operations in steps (c) and (d) can also be performed before step (i).

However, the I-FAX always uses the default e-mail address thereof as the e-mail address of mail sender. The mail recipient can not identify the real mail sender.

**Summary of the invention**

It is the object of the present invention to provide a method for changing mail sender address of I-FAX by inputting a mail sender address or selecting a mail sender address from a built-in address book without changing the default setting.

The various objects and advantages of the present invention will be more readily understood from the following detailed description when read in conjunction with the appended drawing, in which:

**Brief description of drawing:**

Fig. 1 shows the flowchart of operational sequence of a prior art I-FAX.

Fig. 2 shows the flowchart of operational sequence of method for changing mail sender address of I-FAX according to the present invention.

**Detailed description of the invention**

Fig. 2 shows the flowchart of operational sequence of method for changing mail sender address of I-FAX according to the present invention. The mail sender address of I-FAX is changed by inputting a mail sender address or selecting a mail sender address from a built-in address book without changing

the default setting.

The method according to the present invention comprises following steps:

(1) The e-mail address of mail receiver and the e-mail address of mail sender are manually input to the I-FAX. The e-mail address of mail sender can be input by user *pro se* or by selecting an address from a built-in address book. If the e-mail address of mail sender is not manually input or selected, a default address is automatically used and fills the block of mail sender address in the e-mail.

(2) The program of the I-FAX is activated.

(3) The document for facsimile is scanned.

(4) The scanning task is finished.

(5) The I-FAX informs the manually-input e-mail address of sender (for example alan@ mail.com.tw) or the default e-mail address thereof (such as ifax@mail.com.tw) to the mail server through the simple mail transfer protocol (SMTP).

(6) The mail server has corrective response.

(7) The I-FAX informs the e-mail address of mail receiver to the mail server.

(8) The mail server has corrective response.

(9) The I-FAX begins to transmit mail and the block of mail sender address in the mail is filled with alan@ mail.com.tw if an e-mail address for the user is manually input or selected, alternatively, the block is filled with default address if no e-mail address for the user is manually input.

(10) The mail transmitting is finished.

Moreover, the scanning operations in steps (3) and (4) can also be performed before step (9).

Although the present invention has been described with reference to the preferred embodiment thereof, it will be understood that the invention is not limited to the details thereof. Various substitutions and modifications have suggested in the foregoing description, and other will occur to those of ordinary skill in the art. Therefore, all such substitutions and modifications are intended to be embraced within the scope of the invention as defined in the appended claims.